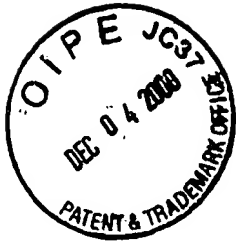


9 AM 2813



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Gurtej Singh Sandhu et al.

Title: METHOD TO REDUCE FIXED CHARGE IN CVD OZONE DEPOSITED FILMS

Docket No.: 303.573US1

Serial No.: 08/636,069

Filed: April 22, 1996

Due Date: November 30, 2000

Examiner: Erik Kielin

Group Art Unit: 2813

Commissioner for Patents  
Washington, D.C. 20231


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We are transmitting herewith the following attached items (as indicated with an "X"):

- X A return postcard.
- X An Amendment and Response (10 Pages).

Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
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By:   
Atty: Leoniede M. Brennan  
Reg. No. 35,832

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 30 day of November, 2000.

Amy Morias ty  
Name

Amy Morias ty  
Signature

**Customer Number 21186**

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(GENERAL)

S/N 08/636,069

PATENT

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22/F  
12-11-00  
C. Brown

**AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111**

Commissioner for Patents  
Washington, D.C. 20231

Applicant has reviewed the Office Action mailed on August 30, 2000. Please amend the above-identified patent application as follows.

**IN THE CLAIMS**

Please cancel claim 37 without prejudice or disclaimer thereto.

Please amend the claims as follows:

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- 1.(Amended) A chemical vapor deposition (CVD) process for depositing borophosphosilicate glass films on a substrate surface, the process comprising:
- disposing the substrate within a chemical vapor deposition reaction chamber;
  - heating the substrate to a temperature within a range of at least 480°C to about 700°C;
  - introducing a gas volume of SiO<sub>2</sub> precursors into the chamber;
  - admitting a gas volume of ozone into the chamber;
  - admitting a dopant source for phosphorus into the chamber;
  - admitting a dopant source for boron into the chamber; and
  - exposing a reaction volume of gases above the substrate surface to a high intensity light source to increase the functional atomic oxygen concentration and reduce the fixed charge in the deposited films; and
  - subjecting the reaction volume of gas to a pressure of approximately 200 to 760 torr during deposition of the borophosphosilicate layer.